

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/004503

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 E21B31/00 E21B28/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 890 682 A (WORRALL ROBERT N ET AL) 2 January 1990 (1990-01-02) column 1, line 10 - column 2, line 54; figure 1	1-3, 6-8, 48, 49
Y	the whole document	4, 5, 50-79
Y	column 2, line 55 - column 3, line 59	50-79
Y	US 2003/168212 A1 (IVANNIKOV VLADIMIR IVANNOVICH ET AL) 11 September 2003 (2003-09-11) the whole document	4, 5
A	GB 2 343 465 A (ANDERGAUGE LTD) 10 May 2000 (2000-05-10) the whole document	1, 48-50

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

20 December 2004

Date of mailing of the international search report

28/12/2004

Name and mailing address of the ISA

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# INTERNATIONAL SEARCH REPORT

In  
national Applications No  
PCT/GB2004/00 4503

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			DE	3776959 D1	09-04-1992
			EP	0245892 A2	19-11-1987
US 2003168212	A1	11-09-2003	RU	2235187 C2	27-08-2004
			AU	6445201 A	26-11-2001
			WO	0188329 A1	22-11-2001
GB 2343465	A	10-05-2000	NONE		